In view of the amendments and remarks provided herein, Applicants respectfully request reconsideration of the subject application.

Please amend the above-captioned application as follows:

In the Claims

Please amend the claims as follows:

1. (Amended) An isolated polynucleotide selected from the group consisting of:

(a) a polynucleotide comprising the nucleotide sequence of SEQ ID NO: 1;

(b) a polynucleotide comprising the nucleotide sequence of a β-amyloid peptide-binding protein (BBP) of clone BBP1-fl deposited under accession number ATCC 98617;

(c) a polynucleotide encoding a β-amyloid peptide-binding protein (BBP) encoded by the cDNA insert of clone BBP1-fl deposited under accession number ATCC 98617;

(d) a polynucleotide comprising the nucleotide sequence of SEQ ID NO: 1 from nucleotide 202 to nucleotide 807;

(e) a polynucleotide comprising the nucleotide sequence of a β-amyloid peptide-binding protein (BBP) of clone pEK196 deposited under accession number ATCC 98399;

(f) a polynucleotide encoding a β-amyloid peptide-binding protein (BBP) encoded by the cDNA insert of clone pEK196 deposited under accession number ATCC 98399;

(g) a polynucleotide encoding a protein comprising the amino acid sequence of SEQ ID NO: 2;

(h) a polynucleotide encoding a protein comprising a fragment

of the amino acid sequence of SEQ ID NO: 2 having human β-amyloid peptide binding activity, the fragment comprising the amino acid sequence from amino acid 68 to amino acid 269 of SEQ ID NO: 2;

(j) a polynucleotide which is an allelic variant of the polynucleotide of (a)-(f) above;

(k) a polynucleotide which encodes a species homologue of the protein of (g)-(h) above; and

(l) a polynucleotide capable of hybridizing under stringent conditions to any one of the polynucleotides specified in (a)-(h);

wherein said polynucleotides of (j) and (k) encode an amino acid sequence that binds human β-amyloid peptide.

5 (Amended). A process for producing a protein encoded by the polynucleotide [of claim 2] which process comprises (a) growing a culture of the host cell of claim 3 in a suitable culture medium; and (b) purifying the protein from the culture medium; wherein (i) said polynucleotide is an isolated polynucleotide selected from the group consisting of:

(a) a polynucleotide comprising the nucleotide sequence of SEQ ID NO: 1;

(b) a polynucleotide comprising the nucleotide sequence of a β-amyloid peptide-binding protein (BBP) of clone BBP1-fl deposited under accession number ATCC 98617;

(c) a polynucleotide encoding a β-amyloid peptide-binding protein (BBP) encoded by the cDNA insert of clone BBP1-fl deposited under accession number ATCC 98617;

(d) a polynucleotide comprising the nucleotide sequence of SEQ ID NO: 1 from nucleotide 202 to nucleotide 807;

(e) a polynucleotide comprising the nucleotide sequence of a β-amyloid peptide-binding protein (BBP) of clone pEK196 deposited under accession number ATCC 98399;

(f) a polynucleotide encoding a β-amyloid peptide-binding protein (BBP) encoded by the cDNA insert of clone pEK196 deposited under accession number ATCC 98399;

(g) a polynucleotide encoding a protein comprising the amino acid sequence of SEQ ID NO: 2;

(h) a polynucleotide encoding a protein comprising a fragment of the amino acid sequence of SEQ ID NO: 2 having human β-amyloid peptide binding activity, the fragment comprising the amino acid sequence from amino acid 68 to amino acid 269 of SEQ ID NO: 2;

(j) a polynucleotide which is an allelic variant of the polynucleotide of (a)-(f) above;

(k) a polynucleotide which encodes a species homologue of the protein of (g)-(h) above; and

(l) a polynucleotide capable of hybridizing under stringent conditions to any one of the polynucleotides specified in (a)-(h); and

(ii) said polynucleotide is operably linked to at least one expression control sequence.

Please add the following claims:

Remarks